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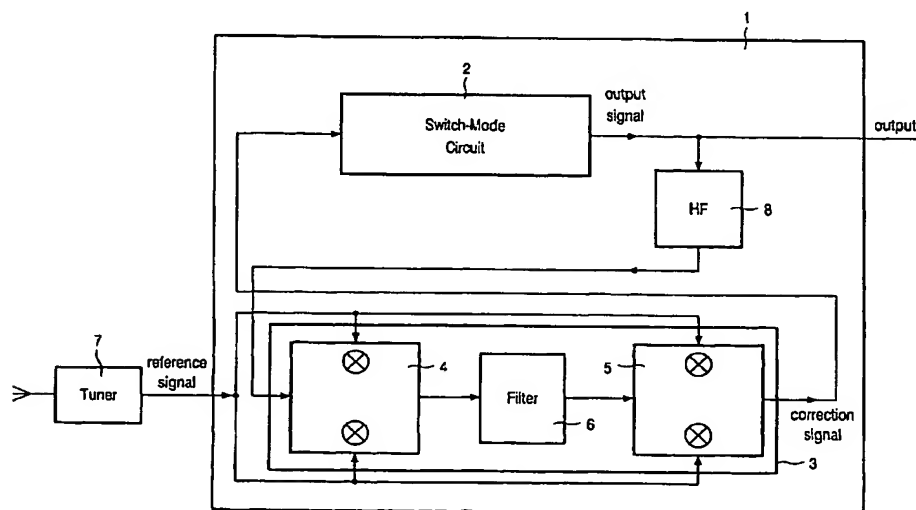
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(54) Title: CIRCUIT AND METHOD FOR REDUCING INTERFERENCE FROM SWITCHED MODE CIRCUITS



(57) Abstract: A switched-mode control circuit (1) for a switched-mode power supply or an audio amplifier. It comprises a monitoring loop (3) for the output signal of the switched-mode circuit (2). A tuner (7) supplies the reference signal, which is related to the protected frequency or frequency band. The monitoring loop (3) comprises two quadrature mixers (4, 5) with a filter (6) in between and generates a correction signal which leads back to the switched-mode circuit (2). The corrective changes performed by the monitoring loop (3) are synchronization pulses that are added to the reference signal. This results in a shifting in time of each switching position of the switched-mode circuit (2).



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